

1 A. Oh, I've had Evinrudes. And the most
2 recent one was a Yamaha. But, those were
3 small boats. I don't have big outboard
4 motors.

5 Q. And would you do the work on the engine
6 yourself?

7 A. Absolutely.

8 Q. And that's okay? It's reasonable to do
9 your own work if you know what you're
10 doing?

11 A. That's my background, engineering. I'm a
12 fiddler.

13 Q. You're not a navigational expert, I
14 trust?

15 A. Well, let's broaden what you mean by
16 navigation. When I was in the Navy I was
17 a qualified deck watch officer. So, I
18 have a navigational background on
19 vessels. I've owned vessels. And I say,
20 "vessels," -- sailboats, power boats.

21 Q. I guess I've owned them too. I wouldn't
22 testify in court as an expert at that, so
23 I'm just trying to --

24 A. No, I realize that, "*Shoemaker, stick to*

1 *your last.*" If a navigational expert
2 were required, I think I would suggest to
3 Mr. Rosenthal that he hire someone who is
4 a navigational expert.

5 Q. Okay.

6 A. I don't think navigation by itself is
7 involved in this case.

8 Q. Okay, I'm just -- what about operation of
9 outboards? And I understand you've done
10 it with your own.

11 A. Yes.

12 Q. But, if this was a case limited to the
13 operation of an outboard, would you give
14 Mr. Rosenthal similar advice?

15 A. I think you have to get down to case by
16 case. He has his expert. Mr. Ramsey has
17 done far more operation of an outboard
18 than I have.

19 Q. Okay, so you don't intend to testify in
20 this case as an operational expert?

21 A. Only to the extent that this little
22 horsepower, or smaller horsepower, is not
23 suitable for a vessel of this size, under
24 those current conditions.

1 Q. So, based on those equations --

2 A. If you call that --

3 Q. No, to me, that's naval architect --

4 A. Well, that's basically navigation.

5 Maneuvering of vessels, that's naval
6 architecture. Operation of vessels; I'm
7 an operator, but don't ask me to testify.
8 I'm not the one who does the operation of
9 a vessel for a living.

10 Q. Okay, so as far as the operation, the
11 maintenance, and the repair of the motor,
12 you've got familiarity with that, but --

13 A. Well, maintenance, perhaps.

14 Q. How so?

15 A. Well, you have to follow some maintenance
16 guides in order to keep your engine in
17 proper operating order. And if it's not
18 done, something goes awry.

19 Q. But, let me just stop you there. Your
20 expertises in naval architect don't
21 really -- all of us who drive cars
22 understand that you have to maintain
23 equipment.

24 A. Yeah, I'm sure. I think that what I'm

saying is -- I wouldn't say common knowledge, but most people recognize it. The Judge would recognize that. He doesn't need --

Q. And the jury?

A. Probably the jury, too. They don't need someone to tell them that you have to maintain your vessel, or maintain your engine. When it's not operating, you take it to the service station.

And in this particular case, it was not operating for some period of time, perhaps a month before, and no one took it to the service station.

Q. Okay, but that doesn't particularly get into the naval architecture realm, does it?

A. No, no.

Q. You're saying that based on your owning boats and that sort of thing?

A. Yeah, and I think it's universal knowledge. Mechanical things, when they don't operate, you fix them. Or when they don't operate satisfactorily, you

1 fix them. When they stall out all the
2 time, you have them fixed.

3 Q. Have you removed anything from your file?

4 A. No.

5 Q. I notice there's no billing information,
6 or there's only one.

7 A. I haven't billed them.

8 Q. It's time.

9 A. Yeah, well, Katrina came up to stop a lot
10 of things in this world.

11 Q. I understand. And the rates that you're
12 billing them? Is that an hourly rate as
13 reflected in the appendix?

14 A. Correct. I wouldn't have my billing
15 information in here, anyway. That's
16 separate. This is the job file, not the
17 billing file.

18 Q. And what about other correspondence with
19 the firm?

20 A. There is none. You have everything here.

21 Q. Well, was there a letter retaining you?

22 A. No, no letter retaining me.

23 Q. All done over the phone?

24 A. All done over the phone.

1 Q. Okay.

2 A. I still work on a handshake.

3 Q. So, they've told you what the case is
4 about, I trust, as well?

5 A. They told me what the case is all about.

6 MR. MURPHY: Okay, I guess that's
7 a wrap.

8 MR. ROSENTHAL: I just have a
9 couple of followup questions.

10

11 EXAMINATION BY MR. ROSENTHAL:

12 Q. Is it your opinion that the undersized
13 engine caused and contributed to Mr.
14 Ramsey's accident?

15 A. Yes, it's a contributing factor.

16 Q. And can you explain your opinion?

17 A. Yes. If, for example, he had something
18 that was able to operate under the swift
19 current, and once the engine was
20 operating, he would have been able to get
21 away from underneath the stern of the
22 dredge. He would have been able to back
23 away and then go forward and get out. As
24 long as the engine was still going and

1 not stalled.

2 Since it contributes, how much it
3 contributes, I don't know.

4 Q. Is it your opinion that Mr. Ramsey in any
5 way caused his accident?

6 A. No, he --

7 MR. MURPHY: I'm just going to
8 object.

9 A. I think he was a victim being in a vessel
10 that stalled out, and the swift current
11 grabbed him and put him in the wrong
12 place.

13 Q. Now, is it your opinion that the engine
14 was not properly maintained?

15 A. Yes.

16 MR. MURPHY: Objection.

17 A. As soon as it came back and someone found
18 out that it was stalling out, they should
19 have sent it back and said, "*Fix it.*"
20 And Hochstrasser would have said, "*Well,*
21 *I told you what to do. You had to change*
22 *this, this, and this. And if you'd done*
23 *that and we tested it again we'd find out*
24 *what was wrong with it and we'd send you*

1 *back a vessel that we would give our*
2 *90-day, or six-month, or a year warranty*
3 *on it."*

4 Q. And what is that opinion on the
5 maintenance of the engine?

6 A. Well, it stalled out. And then we go
7 back to Hochstrasser's invoice that says
8 that we recommended that you do this,
9 this, and this, and you didn't do it.

10 And I think, really, what that's
11 all about is Hochstrasser saying, "*Look,*
12 *if you have problems, don't come back to*
13 *me. I'm not going to warrant your*
14 *vessel, that is, your engine suitable for*
15 *your vessel, because you didn't do what*
16 *I'm suggesting."*

17 Q. Like a cover your ass sort of a --

18 A. I think so.

19 Q Mr. Murphy was asking you questions about
20 your experience in the area of vessel
21 maintenance. What is your experience in
22 that area?

23 A. Well, I'm not a fellow who works in a
24 repair shop. And if something is wrong,

1 I tell someone, *"Go out and see your*
2 *repairman, he'll take care of it for*
3 *you."*

4 Q. Can you repair your own vessel, your own
5 engine?

6 A. Sure, an outboard I can.

7 Q. Okay, so you have experience repairing
8 your own outboard engine?

9 A. Yes, but all of a sudden you get into
10 large engines, and they become a little
11 bit more complicated because they're now
12 all electronically fired, all
13 electronically controlled. And similar
14 to trying to repair your own automobile
15 engine any longer, unless you know the,
16 quote, codes, to get in and provide
17 diagnostic information, you have a rough
18 time of doing repairs on modern engines.

19 Q. Okay, this engine was a 40 horsepower
20 engine. Would you consider that to be a
21 large engine?

22 A. No.

23 Q. Is that the sort of engine that you had
24 worked on previously?

1 A. Oh, yeah, surely.

2 Q. So, you've had experience working on 40
3 horsepower engines?

4 A. Sure.

5 Q. Are the engines that you have at your
6 home 40 horsepower?

7 A. No, I've gotten rid of all those.

8 Q. Why would that be?

9 A. I have a different kind of vessel. I
10 have one, a 19 foot sailboat that has
11 like a 5 horsepower engine. And then I'm
12 part owner of a 40 foot sailboat that has
13 like a 90 horsepower, -- I guess maybe
14 it's not 90 -- a 60 horsepower inboard
15 diesel engine.

16 Q. Now, Mr. Ramsey testified in his
17 deposition about -- you read Mr. Ramsey's
18 deposition, right?

19 A. Correct.

20 Q. He testified that he was backing the
21 vessel -- and when I say, "*the vessel*,"
22 -- he was backing the skiff out after he
23 drifted to the dredge. And he was
24 backing it out and he says, "*The engine*

1 *revved up like I had just thrown it in*
2 *neutral, but I didn't. It was still in*
3 *reverse. But, it was running and the*
4 *propeller wasn't going."*

5 what do you think could have
6 caused that?

7 A. It either got thrown in neutral or some
8 keyweigh broke. And when I say,
9 "keyweigh," if we go back to
10 Hochstrasser, you'll see that -- when I
11 say, "keyweigh," a key broke. In their
12 April 4th, -- I'm sorry, April 6th invoice
13 -- or repair order; I shouldn't say,
14 "invoice," -- they talk about replacing
15 keyweigh key.

16 And that indicates a key broke.
17 I don't know where this key is. But,
18 something broke, and that would possibly
19 keep the propeller from turning.

20 Q. what could cause a key to break?

21 A. Some large forces that can develop on a
22 shaft. For example, if the propeller hit
23 the cable, the wire, the mooring wire, it
24 could break a key.

1 Q. And could an undersize engine cause a
2 vessel to strike a mooring line?

3 A. Only to the extent that the operator
4 would not be able to maneuver away from
5 the mooring line.

6 Q. So it affects the operation of the
7 vessel?

8 A. Oh, yes. You can't turn. You can't
9 speed. You can't accelerate as quickly.
10 You can't maneuver as quickly with an
11 underpowered vessel, a small horsepower
12 vessel.

13 MR. ROSENTHAL: That's all I
14 have.

15 MR. MURPHY: I'll just follow up
16 on that, briefly.

17

18 EXAMINATION BY MR. MURPHY:

19 Q. We talked before about some expert
20 testimony you've given, either in
21 depositions or in court. Have you ever
22 testified as an expert, either in
23 deposition, or in court, regarding the
24 operation of an outboard motor?

1 A. I'm just thinking about the ones that
2 have been collision cases, and the ones
3 that have to do with people being thrown
4 out of the vessel, thrown out of the high
5 speed -- to that extent, yes.

6 Q. Okay, but aside from that, no?

7 A. Basically, maneuvering comes down to high
8 speed maneuvering where people are thrown
9 out and that's the casualty, someone's
10 hurt, not just someone -- yes, some other
11 cases.

12 You're all familiar with this
13 little inboard-powered personal
14 watercraft. You sit on these things and
15 go fast.

16 Q. Uh-huh.

17 A. And if you don't steer, or you take your
18 foot off the pedal, there's no power to
19 them, they keep going in the same
20 direction. And all of a sudden you have
21 some serious accidents with them. And
22 that's maneuvering, or trying to
23 maneuver, with lack of power, and lack of
24 power because you took your foot off the

1 gas, and the impeller is no longer
2 turning. You don't have the pump
3 squirting out water. And you're trying
4 to maneuver and it doesn't maneuver.

5 Q. Right, but with regard to outboard
6 motors?

7 A. I just can't imagine, or can't think
8 right now where that particular situation
9 has come up.

10 Q. And your testimony with these collisions
11 would be as a naval architect, --

12 A. Yes.

13 Q. -- based on what?

14 A. Maneuvering characteristics of vessels.
15 And that's those little personal
16 watercraft, how they maneuver.

17 Q. So, it's fair to say that you've never
18 testified in court or at deposition
19 regarding maintenance of outboard motors?
20 You're not an outboard maintenance --

21 A. I understand you.

22 Q. -- expert, are you?

23 A. I don't think it's ever come up.

24 Q. Okay, and what about the repair --

1 A. I'm talking about coming up in a
2 deposition or trial testimony.

3 Q. So, it's fair to say you've never
4 testified in that capacity before?

5 A. I don't believe so as in someone involved
6 with maintenance.

7 Q. And it's also fair to say you don't
8 consider yourself an expert, if the issue
9 is strictly limited to maintenance of
10 outboard motors?

11 A. Depends upon -- remember, my background
12 is design of things, engines. Not
13 outboards, but real engines that run
14 large ships.

15 Q. Right.

16 A. And from that standpoint, I get involved
17 a little bit with maintenance, but very
18 little. I'm more in design than
19 maintenance.

20 Q. And as far as the repair of outboard
21 motors, you've said you never worked in
22 that capacity, but you've never testified
23 in --

24 A. Well, I --

1 Q. Let me just finish the question, please.
2 You've never testified in court or at
3 deposition as to repair of outboard
4 motors, have you?

5 A. No, but my background is -- remember, I
6 worked many years with U.S. Salvage
7 Association, which is the technical arm
8 for the marine underwriters, where I'd go
9 out and see damages to vessels, and write
10 repair specifications to see that they
11 got back in good order.

12 However, at that time, I was not
13 involved, specifically, with outboards.
14 If they'd get dunked, submerged, I'd take
15 them to the shop and have them do them
16 over.

17 But, on large engines, you don't
18 take the engine out and send it to the
19 shop to do over. You'd repair as
20 necessary. You look at the bearings.
21 You look at the fuel injectors. You look
22 at the starters, that is, the air
23 starters, or electrical starters, and
24 determine each particular item that needs

1 repair on large engines. Compared with
2 these engines, the engine, you know, a
3 couple of thousand dollars, and you
4 either can buy a new one or have it
5 repaired for something less than that.

6 Large engines, we're talking
7 about hundreds of thousands of dollars.

8 Q. And how long ago did you do that for the
9 Salvage Association?

10 A. I worked for the U.S. Salvage Association
11 from 1958 to 1965; seven years.

12 Q. And you mentioned you've owned some
13 outboard motors. Have you ever owned one
14 as big as 40 horsepower?

15 A. Not specifically 40, something less than
16 that.

17 Q. How much less?

18 A. Oh, 25.

19 Q. And when did you last own --

20 A. Oh, that goes back many years ago; 20
21 years ago, 30 years ago, that size.
22 Basically, I went into sailboats that had
23 much smaller engines than that.

24 Q. Okay, so basically you haven't repaired

1 or maintained an outboard motor over 20
2 horsepower in 20 years, anyway?

3 A. That's correct. A little bit more than
4 20 horsepower, but that's -- probably
5 closer to 30.

6 Q. Okay. The keyweigh. That's a term that
7 came up that we hadn't talked about. And
8 I understand that that's on the repair.
9 Can you tell us, in a general sense, what
10 the keyweigh is?

11 A. Yes, it holds something onto a shaft.
12 When I say, "*something*," it could hold a
13 propeller onto a shaft. It could hold a
14 gear onto the shaft.

15 Q. And where's it located on the --

16 A. I don't know. It just says, "*keyweigh*
17 *key*." I don't know where it is. You'd
18 have to find out from the engine
19 manufacturer's part list. They have a
20 number; you find out where it is on the
21 engine.

22 Q. And if the keyweigh breaks, can that
23 cause the motor to stall?

24 A. It could cause it to, possibly, because

1 we might be talking about a timing gear.

2 Q. This wouldn't be an electrical problem,
3 would it?

4 A. No, it would not be electrical. This is
5 a mechanical problem.

6 Q. But, it's a mechanical problem?

7 A. Yeah.

8 Q. And I think I cut you off. How would
9 breaking the keyweigh cause the motor to
10 possibly stall?

11 A. I don't know what keyweigh this is and
12 where the key is located and what's
13 connected to it for gears, connected to
14 it. It might affect the timing of the
15 sparkplug, for example.

16 Q. Okay.

17 A. I just don't know where this is.

18 Q. I'm just trying to get a general sense.
19 And I understand your testimony.

20 A. I just don't know.

21 Q. And at least one way for a keyweigh to
22 break is the prop striking an object,
23 like a mooring wire?

24 A. Correct.

1 Q. If that's what happened in this case,
2 hypothetically, that the vessel stalled
3 because the prop hit the mooring wire,
4 then the stalling in this case had
5 nothing to do with the previous
6 stallings; is that fair to say?

7 A. It may or may not have anything to do
8 with it.

9 Q. You wouldn't know one way or the other?

10 A. No. The vessel could have hit the wire
11 because it stalled, or the vessel could
12 have hit the wire because of lack of
13 maneuverability caused by the small
14 engine.

15 Q. Or Mr. Ramsey may have driven it into the
16 wire.

17 A. Or Mr. Ramsey may have driven it into the
18 wire.

19 Q. And that could cause the keyweigh to
20 break.

21 A. It could, and the wire.

22 Q. And that could cause the vessel to stall?

23 A. Could cause the vessel to stall. That
24 is, the engine to stall.